

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR:	YASUTAKA NISHIDA AND TAKEHIKO HAMAGUCHI	
FOR:	<b>MAGNETIC RECORDING APPARATUS, MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING METHOD</b>	

Enclosed are:

- 9 sheets of  formal  informal drawings.
- Transmittal of Japanese application 2003-178715 to claim priority date of June 23, 2003.
- An assignment of the invention to Hitachi, Ltd.
- An Information Disclosure Statement
- An Executed Declaration.
- The filing fee is calculated as shown below:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	11	-20		0.00
			x\$18 =	
INDEPENDENT CLAIMS	3	-3		0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$290 =	
			BASIC FEE	\$770.00
			TOTAL OF ABOVE	\$770.00
REDUCTION BY <input type="checkbox"/> FOR FILING BY SMALL ENTITY (note 37 C.F.R. § 1.9, 1.27, 1.28).				
IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				
			TOTAL	\$770.00

A check in the amount of **\$810.00** to cover the filing and assignment fees is enclosed.

The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to Deposit Account Number **08-1480**.

Respectfully submitted,

Stanley P. Fisher  
Registration Number 24,344

Juan Carlos A. Marquez  
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October 30, 2003

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FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	11	-20	x\$18 =	0.00
INDEPENDENT CLAIMS	3	-3	x\$86 =	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$290 =	
				\$770.00
			TOTAL OF ABOVE	\$770.00
REDUCTION BY <input type="checkbox"/> FOR FILING BY SMALL ENTITY (note 37 C.F.R. § 1.9, 1.27, 1.28).				
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